



AF 71641

RESPONSE AFTER FINAL EXPEDITED PROCEDURE GROUP 1641

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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DEC 09 2002

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In re Application of: : Conf. No.:9053
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Mary A. Reppy et al. : :
: :
Serial No.: 09/811,538 : Art Unit: 1641
: :
Filed: March 20, 2001 : Examiner: Tran, My Chaut
: :
For: METHOD FOR DETECTING AN : Atty Docket: 22001/0005
ANALYTE BY :
FLUORESCENCE :
: :
: :

9/10/02
12-20-02

RESPONSE AND AMENDMENT UNDER 37 CFR § 1.116

Commissioner for Patents
Box AF
Washington, D.C. 20231

Sir:

In response to the Office Action dated September 6, 2002, please amend the above-captioned case as follows.

IN THE CLAIMS:

Please amend the claims as follows:

1. (Twice Amended) A method for the detection of an analyte in a sample, which comprises contacting the sample to be tested with a three-dimensional array comprising a polydiacetylene backbone and a substrate, wherein the substrate has direct affinity for an analyte or is capable of binding to an analyte or is capable of reacting with an analyte; and wherein a change, if any, in fluorescence of said polydiacetylene backbone is in response to analyte present in said sample;

and detecting the change in fluorescence to indicate the presence of an analyte.